

Title (en)  
FLAME RETARDANT PHOSPHONATE ADDITIVES FOR THERMOPLASTICS

Title (de)  
PHOSPHONATE ALS FLAMMSCHUTZMITTEL FÜR THERMOPLASTISCHE KUNSTSTOFFE

Title (fr)  
ADDITIFS DE PHOSPHONATE IGNIFUGES POUR PROCEDE THERMOPLASTIQUE

Publication  
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Application  
**EP 04779764 A 20040730**

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Abstract (en)  
[origin: WO2005012420A2] The invention is directed to a phosphonate composition having flame retardant properties. The phosphonate composition of the invention has the general formula (I): wherein R1 and R2 are independently C1-C4 alkyl, R3 is H or C1-C4 alkyl, and R4 is linear or branched C9-C22 alkyl, C9-C22 cycloalkyl, C9-C22 aryl or C9-C22 aralkyl and n=0 or 1. The invention is also directed to a method of producing the phosphonate composition having flame retardant properties.

IPC 8 full level  
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IPC 8 main group level  
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Citation (search report)  
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• [X] EP 0754728 A1 19970122 - HOECHST AG [DE]  
• [X] US 3789091 A 19740129 - ANDERSON J, et al  
• See references of WO 2005012420A2

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DOCDB simple family (publication)  
**WO 2005012420 A2 20050210; WO 2005012420 A3 20060216**; CN 100453620 C 20090121; CN 1833015 A 20060913; EP 1651737 A2 20060503; EP 1651737 A4 20081224; EP 1651737 B1 20140305; ES 2451848 T3 20140328; JP 2007501313 A 20070125; JP 4695080 B2 20110608; KR 101117654 B1 20120509; KR 20060069436 A 20060621; US 2005038144 A1 20050217; US 7067076 B2 20060627

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